


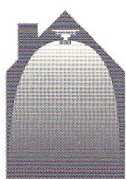
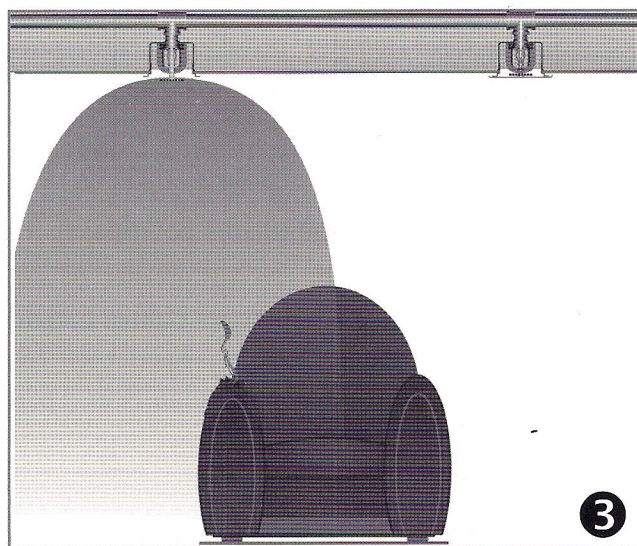
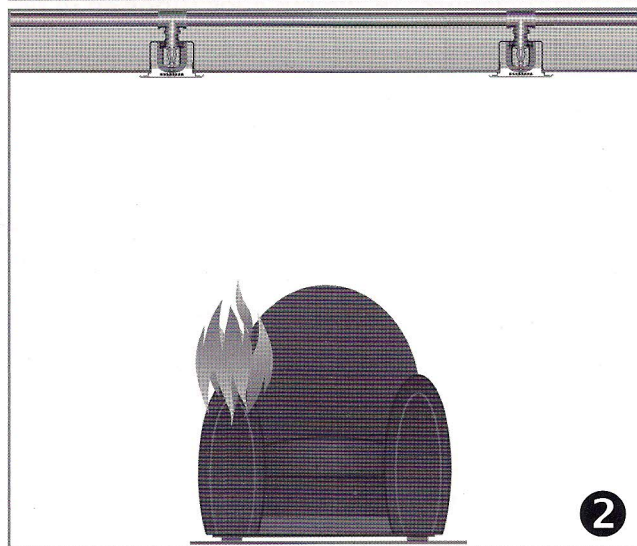
# Home Fire Sprinkler Systems

- Fire sprinklers have been used to protect businesses, schools, and other public buildings for more than 100 years. They put water on the fire, and they help keep the people who work in those buildings safe from death and injury. But in the United States more people die from fires at home than from fires in public buildings.

## Picture 1

- It is also possible to build houses and apartments that have home fire sprinklers.
- The pipes are usually behind the walls and ceilings.
- Sprinklers are attached to pipes in the ceiling. They may also be on some walls.
- Sprinkler systems are like your other household plumbing. Water stays in the pipes until you need it.
- Sprinklers work fast. The water controls deadly heat, smoke and flames.
- Smoke cannot make your sprinklers go off. The high heat from a fire (135-165 degrees Fahrenheit) makes the sprinklers go off. **Picture 2**
- Sprinklers don't all go off at the same time. Only the sprinkler near the fire will go off. **Picture 3**
- Sprinklers go off when the fire is very small. In most cases, just one sprinkler can stop the fire. This protects the people and things you care about.
- You and your family can learn more about home fire sprinklers by using a free Web site called Sprinkler Smarts at [www.sprinklersmarts.org](http://www.sprinklersmarts.org). Children will enjoy the characters, games and music.

 **One more thing!** Even though fire sprinklers protect your home, you also need working smoke alarms. You still need to plan and practice fire drills.



**Home Fire Sprinkler®**  
**COALITION**  
Protect What You Value Most

The nonprofit Home Fire Sprinkler Coalition (HFSC) developed Sprinkler Smarts. The Home Safety Council serves on the Board of HFSC and helped create this online program.